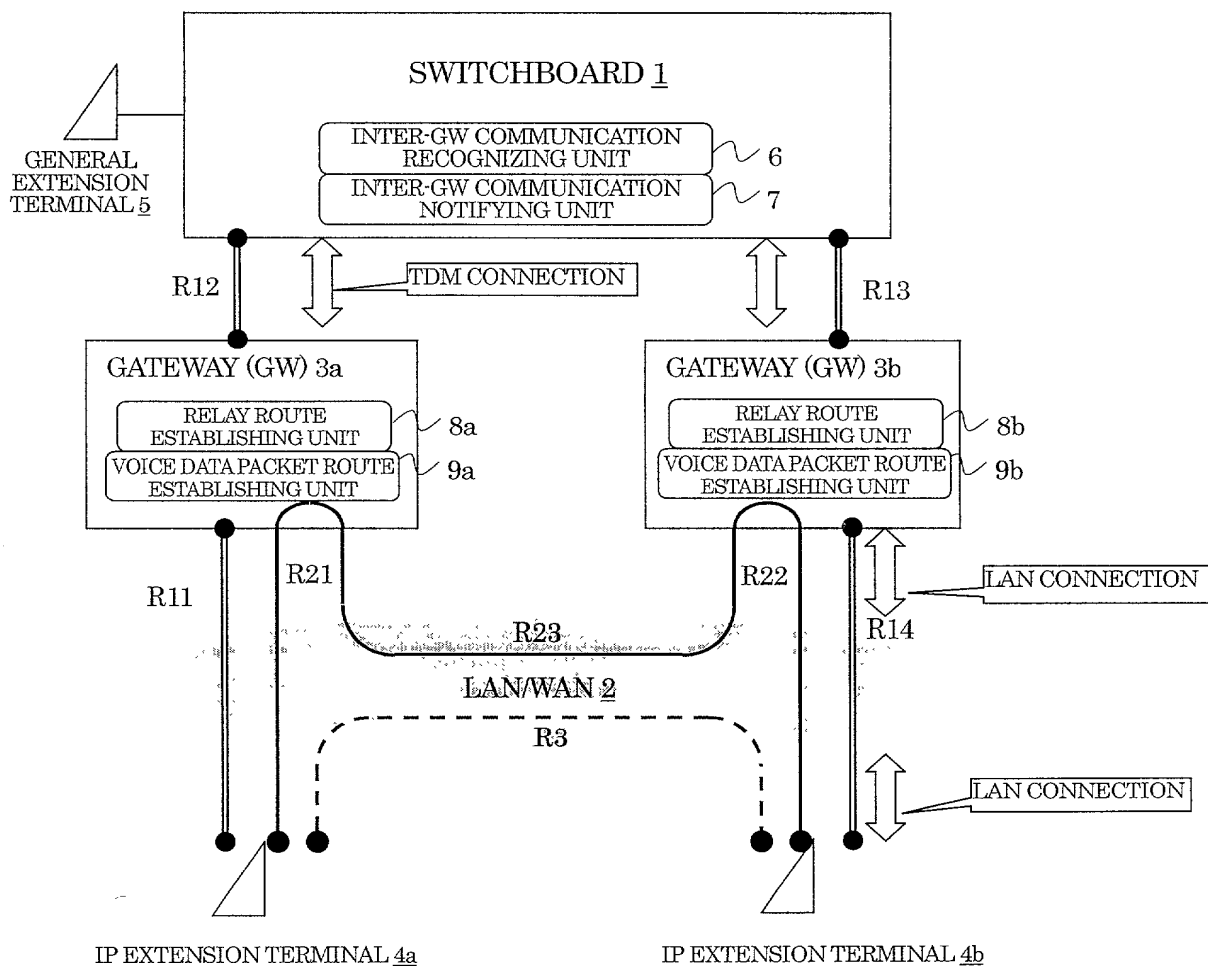


FIG.1



——— R1 CALL CONTROL SIGNAL ROUTE
 ——— R2 MEDIA CONTROL SIGNAL ROUTE
 - - - - R3 VOICE DATA ROUTE

FIG.2

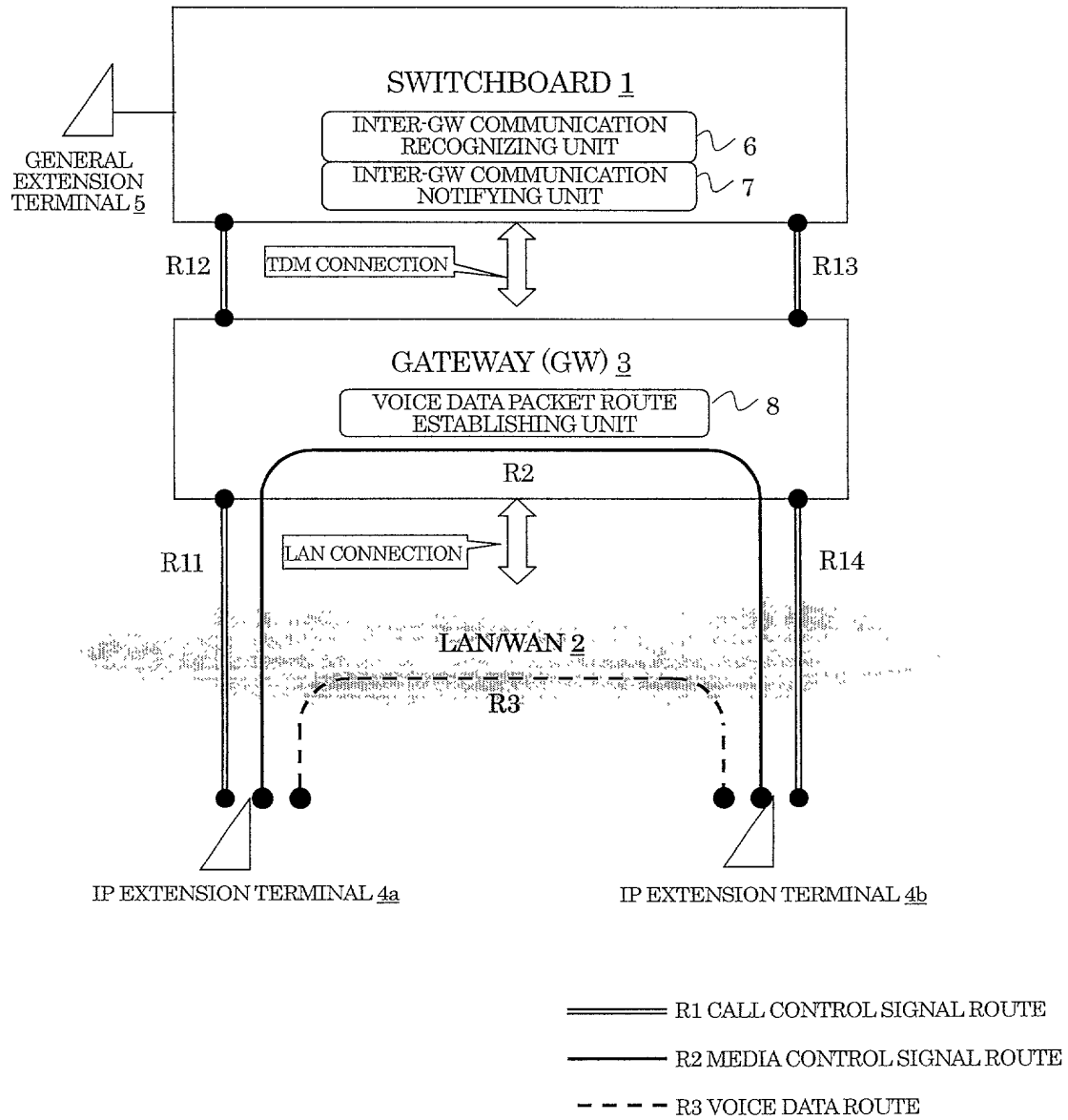
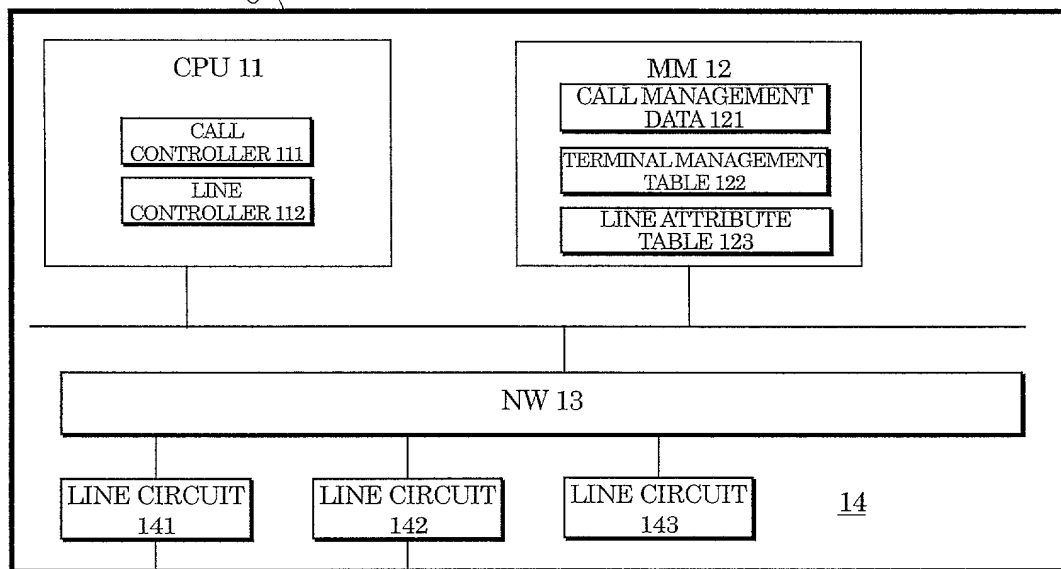


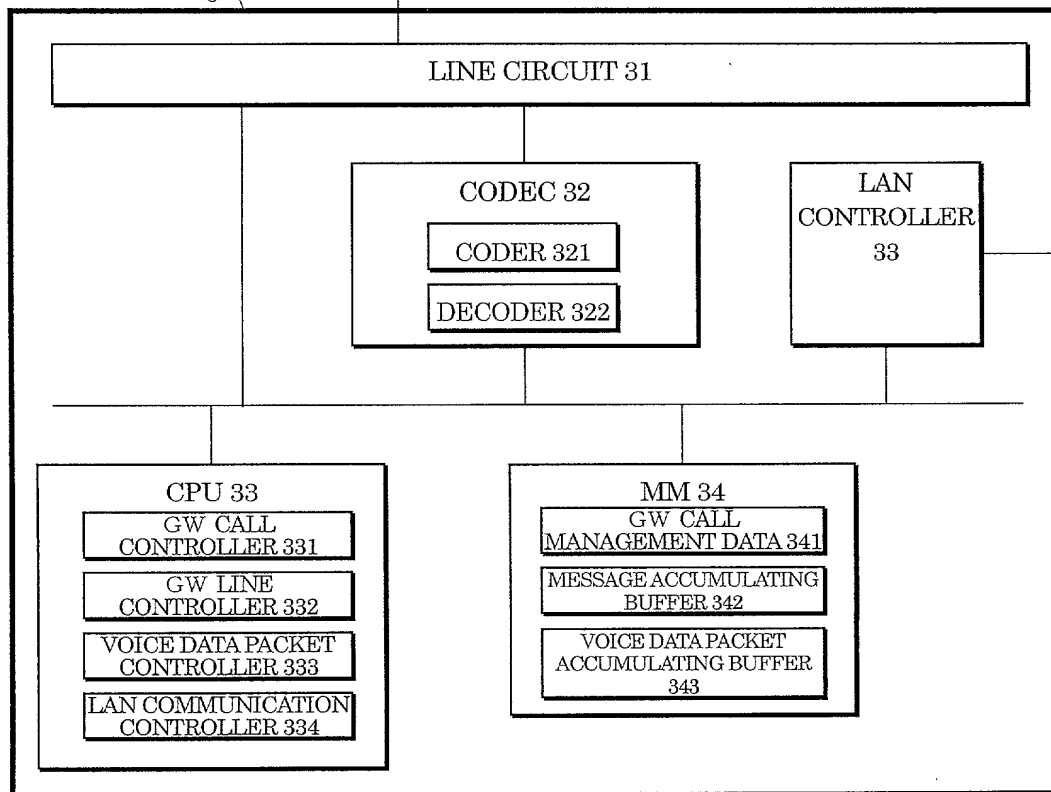
FIG.3

SWITCHBOARD 1



5 GENERAL EXTENSION TERMINAL

GATEWAY 3



2 LAN/WAN

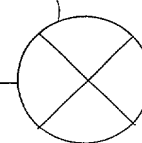


FIG.4

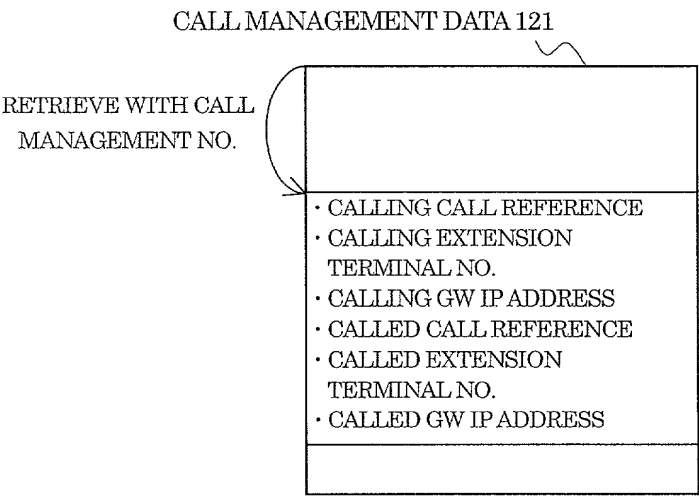


FIG.5

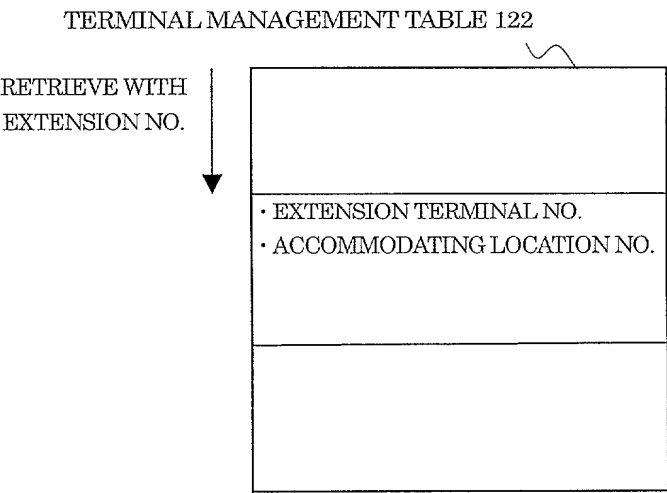


FIG.6

LINE ATTRIBUTE TABLE 123

RETRIEVE WITH
ACCOMMODATING
LOCATION NO.

<ul style="list-style-type: none"> • CLASSIFICATION (GW/GENERAL LINE) • IP ADDRESS (GW IP ADDRESS/ 0 (= GENERAL LINE))

FIG.7

GW CALL MANAGEMENT DATA 341

RETRIEVE WITH CALL
MANAGEMENT NO.

<ul style="list-style-type: none"> • TDM CALL REFERENCE • LAN CALL REFERENCE • CONNECTING DESTINATION GW IP ADDRESS • CONNECTING DESTINATION CALL REFERENCE • IP ADDRESS OF ACCOMMODATED IP EXTENSION TERMINAL • MEDIA CONTROLLING TCP CONNECTION NO. • VOICE DATA PACKET TRANSMISSION ADDRESS • RELAYING TCP CONNECTION NO.

FIG.8

MESSAGE FORMAT BETWEEN SWITCHBOARD & GW

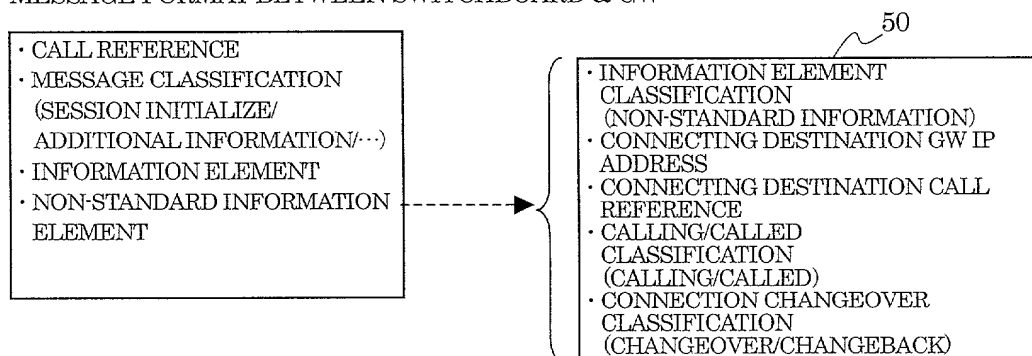


FIG.9

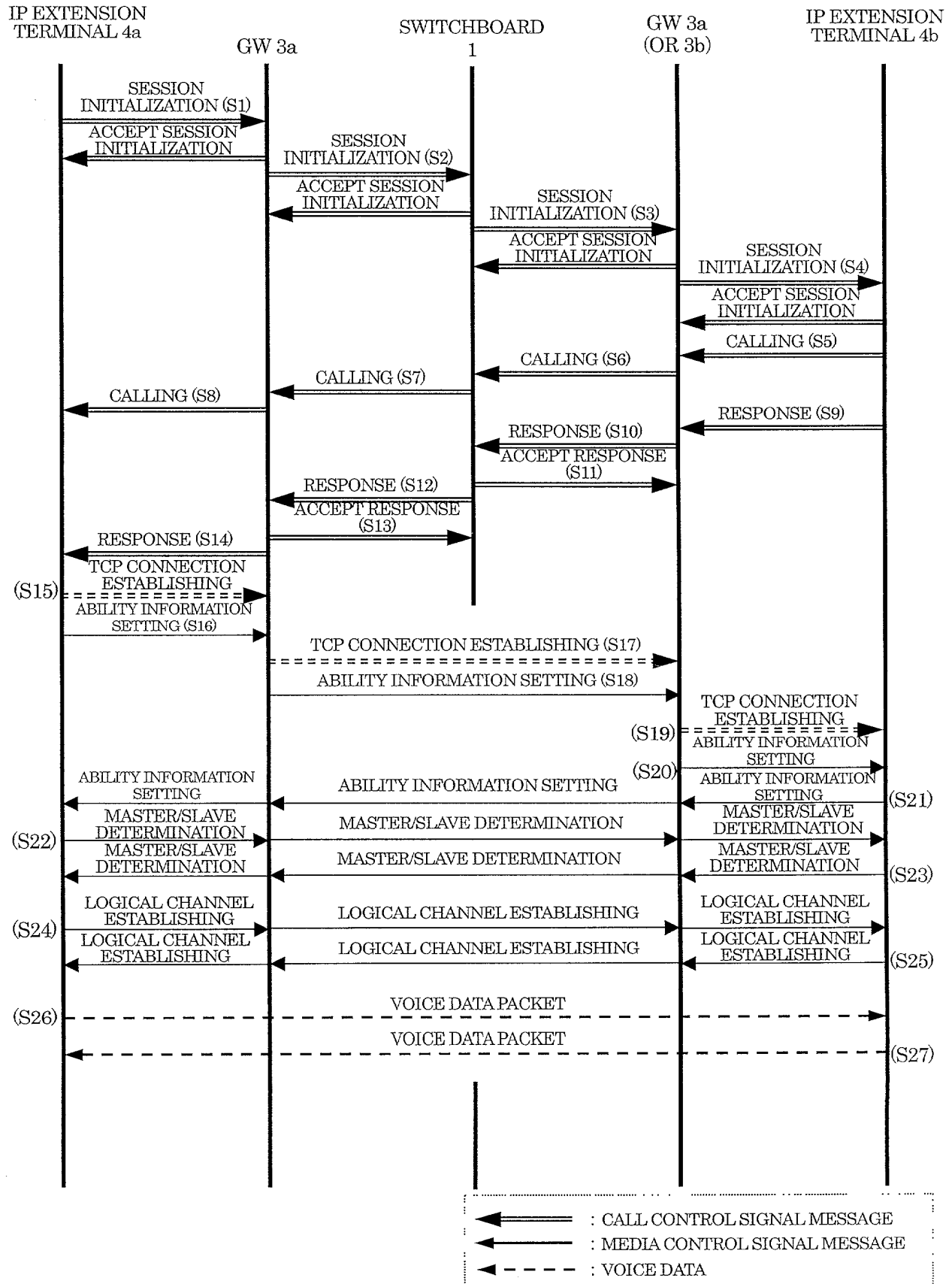
MESSAGE FORMAT OF INTER-GW ABILITY EXCHANGE

IP HEADER
TCP HEADER
• MESSAGE CLASSIFICATION (ABILITY INFORMATION SETTING REQUEST)
• NON-STANDARD DATA (CONNECTING SOURCE CALL REFERENCE)
• CODER CLASSIFICATION

FIG.10

CONDITION OF DATA SETTING EXAMPLE	
DATA REGISTERED STATICALLY	DATA REGISTERED DYNAMICALLY
<ul style="list-style-type: none"> • IP EXTENSION TERMINAL 4a : EXTENSION NO. = 3000, IP ADDRESS = 192.168.1.100 • IP EXTENSION TERMINAL 4b : EXTENSION NO. = 3100, IP ADDRESS = 192.168.1.200 • GW 3a : IP ADDRESS = 192.168.1.10, ACCOMMODATING IP EXTENSION TERMINAL 4a • GW 3b : IP ADDRESS = 192.168.1.20, ACCOMMODATING IP EXTENSION TERMINAL 4b 	<ul style="list-style-type: none"> • CALL REFERENCE = 100 BETWEEN GW 3a & IP EXTENSION TERMINAL 4a • CALL REFERENCE = 10 BETWEEN GW 3a & SWITCHBOARD 1 • MEDIA CONTROLLING TCP CONNECTION NO. = 16 ABOUT GW 3a • RELAYING TCP CONNECTION NO. = 18 ABOUT GW 3a • CALL REFERENCE = 200 BETWEEN GW 3b & IP EXTENSION TERMINAL 4b • CALL REFERENCE = 20 BETWEEN GW 3b & SWITCHBOARD 1 • MEDIA CONTROLLING TCP CONNECTION NO. = 17 ABOUT GW 3b • RELAYING TCP CONNECTION NO. = 19 ABOUT GW 3b • VOICE DATA PACKET ADDRESS = IP: 192.168.1.100 + UDP PORT 13000 ABOUT IP EXTENSION TERMINAL 4a • VOICE DATA PACKET ADDRESS = IP: 192.168.1.200 + UDP PORT 13100 ABOUT IP EXTENSION TERMINAL 4b

FIG.11



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FIG.12

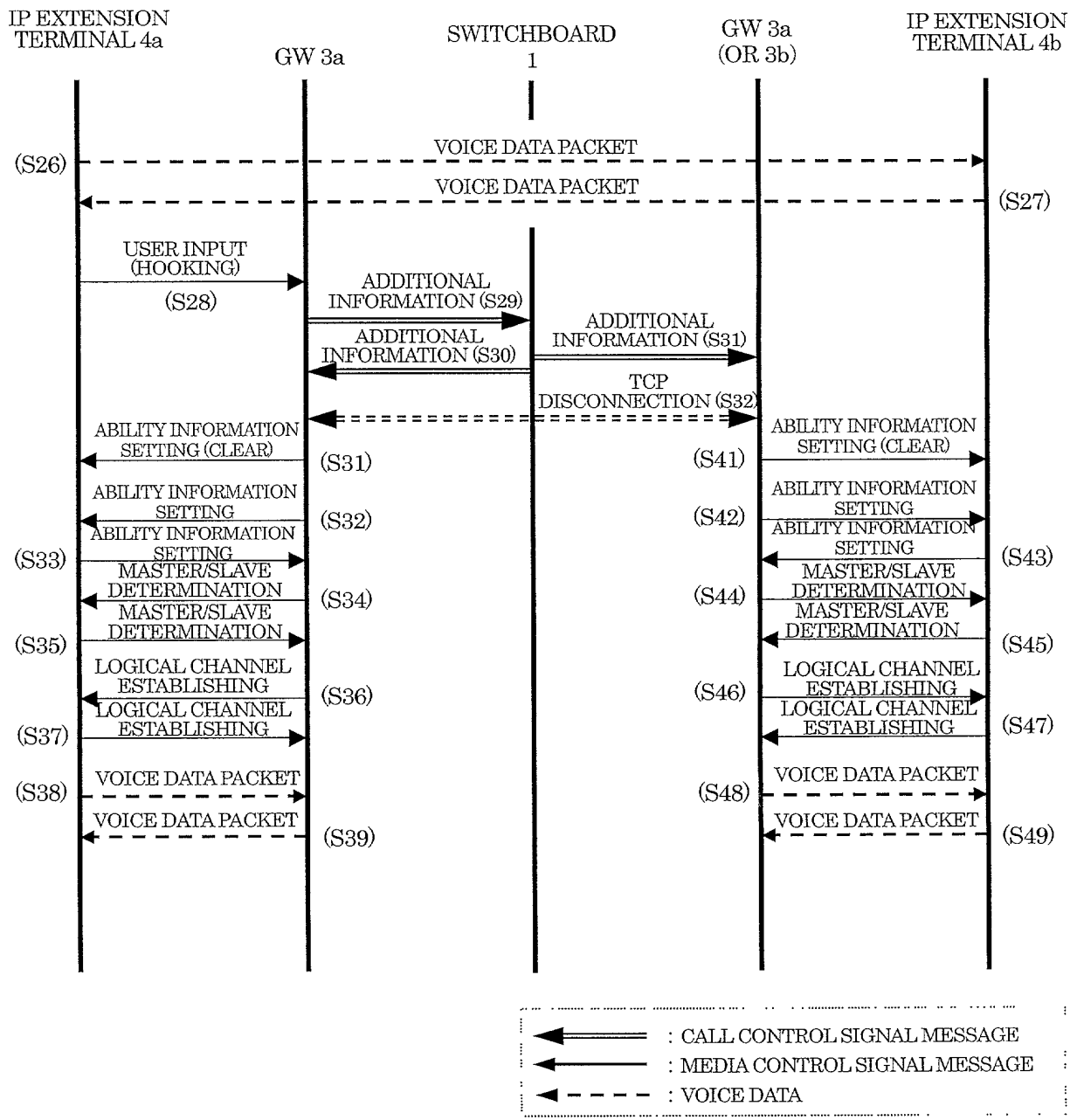


FIG.13

